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TICKHILL URBAN DISTRICT COUNCIL

ANNUAL REPORT

OF THE

Medical Officer of Health

For Year Ended 31st December, 1944

H. MONTGOMERY BROWN, M.B., B.S.
Medical Officer of Health

Doncaster:
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Tickhill Urban District Council.

ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

For 1944

TO THE CHAIRMAN AND MEMBERS OF THE TICKHILL URBAN DISTRICT COUNCIL.

GENTLEMEN,

I have the honour to present my Seventh Annual Report on the Sanitary Circumstances, Sanitary Administration, and Vital Statistics of the Urban District of Tickhill for the year ended December 31st, 1944. This Report is prepared in response to the Circular Letter of the Minister of Health, number 49/45 dated March 19th, 1945.

The Report is divided into Six Sections as follows:—

A. Statistics and Social Conditions of the Area.

B. General Provision of Health Services for the Area.

C. Sanitary Circumstances of the Area.

D. Housing.

E. Inspection and Supervision of Food.

F. Prevalence of, and Control over, Infectious and other Diseases.

SECTION A

STATISTICS AND SOCIAL CONDITIONS OF THE DISTRICT.

Area of the district, 5,580 acres—six of which are water.

Population (Census, 1921) 2,084

Population (Census, April 26-27th, 1931) ... 2,297
(Males 1,180; females 1,117).

Population estimated mid-year 1944
(Register-General) 2,254

Population mid-year 1943 2,297

Population since 1933 according to Census:—

Year	Population
1934	2316
1935	2303
1936	2290
1937	2306
1938	2303
1939	2322
1940	2230
1941	2258
1942	2302
1943	2297

Number of inhabited houses in 1921 ... 500

Total number of houses in 1921 518

Total number of houses in 1944—all
inhabited (rate books) 671

Density of population, 1921 ... 4.21 persons per house
.37 persons per acre

,, ,, 1944 ... 3.36 persons per house
.41 persons per acre

Elevation above sea level ... maximum 225 feet
minimum 25 feet

At Church Bench mark ... ... 60.0 feet

Drainage: River Trent, via the following district waterways:—

1. Paper Mill Dyke from the west.
2. River Torne or Goole Dyke from the south-east.
3. Dadsley Wells stream from the north.

Rates:	Gross product of 1d. rate ...	£41	0s.	0d.
	Net ,, ,, ,, ...	£40	0s.	0d.

	NETT ANNUAL	RATEABLE
Ordinary Assessments	—	£9,865
Industrial Assessments	£402	£100
Railway Assessments	£495	£91

Occupation of the inhabitants: chiefly agriculture. Some residents work at the neighbouring collieries.

VITAL STATISTICS.

		MALES	FEMALES
LIVE BIRTHS ...	Legitimate ...	23	23
	Illegitimate ...	4	3
	Total 53		
	Rate per 1,000 persons		23·5
	Rate for 1943		18·7
	Rate for England and Wales ...		17·6

Still Births in 1944:

Male 0; Female 1; Total 1

Rate for 1,000 population	0·44
Rate for England and Wales ...	0·50

	MALES	FEMALES
DEATHS	14	12
Total 26		
Rate per 1,000 persons		11·5
Rate in 1943		12·2
Rate for England and Wales ...		11·6

Number of deaths occurring outside the district and included above (Inward Transfers):—

1. Number occurring in public institutions	6
2. Others	4
Total ...	10

Outside percentage of total deaths ... 38·5 per cent.

Number of women dying in, or in consequence of, childbirth :—

1. From Sepsis 0
2. From other causes ... ... 0—Total 0

Local rate per 1,000 births 0
Rate for England and Wales 1.93

No maternal deaths have been recorded for the past seven years.

Death of infants under one year of age :—

1. Legitimate Male 1 ; Female 0
2. Illegitimate ... ... 0—Total 1

Rate per 1,000 live births 19
Rate for England and Wales, 1944 ... 46

Death from Measles (all ages) 0

Death from Whooping Cough (all ages) ... 0

Death from Diarrhœa (under two years of age) 0

Deaths from Cancer (all ages) 3

Comparative Table of the Birth and Death Rates for the last eighteen years, with those of England and Wales:—

Year	Births		Deaths	
	Local	England and Wales	Local	England and Wales
1927	19.4	16.7	9.7	12.3
1928	20.1	16.7	12.3	11.7
1929	20.1	16.3	14.6	13.4
1930	18.27	16.3	9.14	11.4
1931	19.13	15.8	15.22	12.3
1932	18.65	15.3	10.4	12.0
1933	16.86	14.4	15.1	12.3
1934	18.13	14.8	8.63	11.8
1935	18.23	14.7	13.89	11.7
1936	16.6	14.8	13.54	12.1
1937	14.31	14.6	6.07	12.4
1938	20.4	15.1	13.0	11.6
1939	20.7	15.0	11.1	12.1
1940	20.6	14.9	12.5	14.3
1941	25.7	14.2	12.8	12.9
1942	23.9	15.8	10.0	11.6
1943	18.7	16.5	12.2	12.1
1944	23.5	17.6	11.5	11.6

Analysis and Age Periods of Deaths.

CAUSE OF DEATH.	Under 1	1 to 2	2 to 5	5 to 15	15 to 25	25 to 45	45 to 65	65 and over	Total.
Cancer	...	...	...	...	...	...	1	2	3
Intra-cranial Vascular Lesions ...	...	...	...	...	...	...	...	4	4
Heart Disease	...	...	...	...	...	...	...	7	7
Nephritis	...	...	...	...	...	...	...	2	2
Infantile Diseases ...	...	...	...	1	...	...	...	...	1
Influenza	...	...	...	...	...	...	...	1	1
Bronchitis	...	...	...	...	...	...	...	2	2
Tuberculosis	...	...	...	...	...	...	1	..	1
Violent Causes ...	...	...	...	...	...	1	1	1	3
Other Defined Diseases	1	...	...	...	...	...	...	1	2
Totals	1	...	...	1	...	1	3	20	26

SECTION B

GENERAL PROVISION OF HEALTH SERVICES IN THE URBAN DISTRICT.

1. (i) **Public Health Officers:—**

Medical Officer of Health (part time):
H. M. BROWN, M.B., B.S., Tickhill.

Sanitary Inspector (part time):
J. HASLAM, M.I.Mun.E., Worksop.

Meat Inspector (part time):
T. BOWETT, M.R.C.V.S., Worksop.

District Medical Officer under Poor Law Acts:
H. M. BROWN, M.B., B.S.

Public Vaccinator:
H. M. BROWN, M.B., B.S.

District Nurse:
E. HAWKSWORTH, C.M.B.

(ii) (a) **Laboratory Facilities.**

The examination of pathological specimens is carried out at the County Council laboratories at Wakefield. The examination of water and foodstuffs is carried out by the County Analyst at Bradford.

(b) **Ambulance Facilities.**

1. Privately owned:
   (a) G. E. Davey, Maltby.
   (b) Edenfield, Doncaster.
   (c) Hather's Garage, Doncaster.
2. Doncaster Police.
3. Infectious Diseases:
   Conisborough Hospital.

(c) **Nursing in the Home.**

(a) General.

The Tickhill District Nursing Association, which is affiliated to the Queen's Institute of District Nursing and the West Riding County Nursing Association, provides for and supervises home nursing in the district. A trained nurse with the C.M.B. qualification is appointed to perform the duties. She resides in the district.

(b) Infectious Diseases.

No provision is made for nursing infectious cases in the home. They are usually sent to the Isolation Hospital.

(d) **Clinics and Ante-Natal Centres.**

None exist in the Urban District.

The Tuberculosis Dispensary at Merton House, Christ Church Road, Doncaster, is used by patients in this district. The hours are as follows :—

Mondays ... ... 2 p.m. and 6 p.m.

(e) **Hospitals :—**

Infectious Diseases. Situate at Conisborough, with accommodation for 85 patients. Distance seven miles. Erected 1901. Four Blocks: 18 wards.

Small Pox. Accommodation for 28 patients at Drake Head Lane, Conisborough. Built 1899. Extended 1927.

The above hospitals are managed by the Doncaster and Mexborough Joint Hospital Board with representatives from Doncaster R.D.C., Mexborough U.D.C., Thurnscoe U.D.C., Bentley-with-Arksey U.D.C., Adwick-le-Street U.D.C., and Conisborough U.D.C.

The arrangements made in 1905 for admission of patients to the above hospital from Tickhill hold good, and are adequate for the district

General, Surgical, and Medical:

Worksop Victoria Hospital	...	158 beds
Doncaster Royal Infirmary	...	184 beds
Rotherham Hospital ...	...	120 beds
Sheffield Royal Hospital ...	...	320 beds
Sheffield Royal Infirmary ...	...	500 beds

Children. The nearest special hospital is the Children's Hospital, Western Bank, Sheffield, which is 18 miles away. Accommodation, 50 beds. Most cases are sent to the above general hospitals.

Maternity:

Jessop Hospital, Sheffield (145 beds, 45 cots).
Lindrick Park Maternity Home (Normal Cases).
Hamilton Annexe, Balby Institution (Abnormal Cases).
Doncaster Royal Infirmary (Acute Emergency)
Abiel Nursing Home do.
Doncaster Borough Isolation Hospital (Septic Cases).

2.
3.
4.

These subsections, which deal with administrations of The Local Government Act (Public Assistance), 1929, Maternity and Child Welfare Services, Infant Life Protection Act, 1908, Young Persons Act, 1932, and Nursing Homes Registration Act, 1927, etc., do not apply to this district.

SECTION C

SANITARY CIRCUMSTANCES OF THE AREA.

1. (i) Water.

The following table shows the progress made in the last ten years as regards new connections made to the mains of the Doncaster and Tickhill Joint Water Board:—

	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944
Private Houses	382	437	487	529	559	563	568	571	573	574
Public Houses	6	8	8	8	8	8	8	8	8	8
Library	1	1	1	1	1	1	2	2	2	2
Schools	2	2	2	2	2	3	3	3	3	3
Farms	9	6	7	7	7	7	7	7	7	9
Lock-up Shops	5	4	4	4	4	4	4	4	4	4
Other	2	6	6	8	8	8	8	8	8	8
Totals	407	464	515	559	589	594	600	603	605	608

(ii) Drainage and Sewerage.

The district is satisfactorily sewered, except in Lindrick Lane, which is too low to be drained into the existing sewer in Westgate.

The sewage works are modern, and provision has been made for a large increase in population.

2. Rivers and Streams.

The waterways are kept clear by the Trent Drainage Board, and drains leading into the streams are connected to the sewers where possible.

3. (i) Closet Accommodation.

	1944	1943	1942
Pail Closets	8	8	8
Privies	84	84	80
Water Closets	574	571	574
Hand-flushed W.C.'s ...	—	—	—
Chemical Closet (Elsan)	1	—	—

(ii) Public Cleansing.

(a) Collection of House Refuse.—This is done by private contract by one party, who should, according to Bye-Law 2 (1893), remove house refuse from any premises once at least in every month.

(b) Collection of Refuse from Earth Closets and Privies.—This is also done by private contract by the same party as in item (a).

(c) Disposal of Dry House Refuse.—This is put on to a tip, the tins, glass, etc., are separated and collected for salvage.

(d) The Disposal of Refuse from Earth Closets and Privies.—The private contractor removes this to agricultural land, which should be ploughed immediately afterwards.

(e) Cleansing of Cesspools is done by the owners, and the contents are disposed of on the owners' land.

(iii) Sanitary Inspection of the Area.

(Report of Sanitary Inspector under Art. 19 Sanitary Officers Order, 1926).

Total number of inspections made for nuisances only	423
Nuisances found in 1944	5
Total needing abatement	13
Nuisances in hand end of 1943	8
Abated during 1944	4
Outstanding end of 1944	9
Notices served—Informal	12
,, ,, Statutory	0
Notices complied with—Informal ...	9
,, ,, ,, Statutory ...	Nil
Total number of summonses or other legal proceedings	Nil

4. Schools.

There are two schools in the district:—

(1) **Infants.** Date of construction unknown. Heated by coke stoves. Certified accommodation 115. The public water supply is laid on and water closet accommodation is provided.

Chief health items for the year 1944:—

Jan. 13—Dr. Galton, S.M.O., examined 1930 group.
Mar. 20—School dinners commenced.
April 4—School Nurse visited the school (inspections).
June 30—School Nurse (inspections).
Sept. 12—School Dental Surgeon inspected teeth of the children.
,, 21—Oct. 4—School Dentist giving treatment.
Oct. 4—School Nurse (inspections).
Dec. 5—Dr. Paul Ashmore, S.M.O., medically examined children.
,, 7—Dr. Ashmore continued examinations.

(2) **Senior School.** Built 1854. Heated by coal fires and coke stoves. Certified accommodation 231. Public water supply laid on. Water closet accommodation provided.

The following are the chief health items for the year 1944:—

Feb. 2—Quick survey of all children by Nurse.
,, 11—School Nurse inspected children.
Mar. 23—School Nurse inspected children.
May 9—One case of Mumps reported.
,, 12—One case of Mumps reported.
,, 15—One case of Measles reported.
,, 18—School Nurse inspected children. Seven parents to be visited.
,, 23—28 children immunised by Dr. Brown.
June 9—School Nurse inspected children.
,, 9—3 cases of Mumps reported.
,, 20—25 children immunised by Dr. Brown—second injection.
,, 30—School Nurse inspected children.
July 7—School Nurse inspected children.
Sept. 22—School Nurse inspected children.
,, 28—Mrs. Black, Dentist, examined children's teeth.
Oct. 2—One case of Impetigo; one case of Chicken Pox reported.
,, 3—Teeth extraction at Parish Room, 18 children.
Nov. 11—One case of Chicken Pox reported.
,, 16—One case of Diphtheria reported.
,, 17—School Nurse inspected children.
,, 30—Medical inspection by Dr. Ashforth.
Dec. 1—Medical inspection by Dr. Ashforth continued.
,, 13—Dr. Brown, M.O.H., in school re temperatures.

SECTION D

HOUSING.

From the beginning of 1939 the improvement of housing conditions progressed normally until the outbreak of war. Since then activities in this direction have had to be much curtailed.

At the termination of the war a report on housing will be issued to cover the whole period from January 1st, 1939, to the end of the last complete year.

SECTION E

INSPECTION AND SUPERVISION OF FOOD.

(a) Milk.

The supervision of milk and dairies is now undertaken by the Ministry of Agriculture, and statistics are available only for the West Riding as a whole.

(b) Meat and other Foods.

The report of the meat inspector is as follows :—

Veterinary Infirmary,
Newcastle Street,
Worksop.
June 30th, 1945.

Dear Sirs,

I am pleased that I am able to report favourably on the weekly inspections of the Meat Supply, Tinned Foods, Eggs, etc., supplied to the shops for the period January 1st to December 31st, 1944.

In the past there have been losses due either to delay in transit or to meat being left too long out of cold storage before delivery. This has been remedied, and there is now no cause for complaint.

English meat is examined and passed at the Abattoir before being dispatched, and I have not come across any lesions which would be harmful for human consumption, for which we must give credit.

Cleanliness in handling meat in transit has very much improved, and so taken as a whole I feel justified in saying that I consider the food supply to be very satisfactory.

Yours faithfully,

THOS. BOWETT, M.R.C.V.S.

(c) Adulteration, etc.

The Acts governing the adulteration of food are administered by the West Riding County Council. The area is served by a District Sampling Officer stationed at Rotherham.

No report of any action has been received.

(d) Chemical and Bacteriological Examination of Food.

This work is carried out by the West Riding Analyst in his laboratories at Hustlergate, Bradford.

(e) Nutrition.

There has been no dissemination of knowledge on this subject by the Local Authority.

(f) Shell-fish.

There are no shell-fish beds in the district.

SECTION F

PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES.

1. Notifiable diseases (other than tuberculosis) during the year 1944:—

DISEASE	Notified 1944	Sent to Hospital	Died
Enteric Fever	0	0	0
Scarlet Fever	1	1	0
Whooping Cough ...	7	0	0
Diphtheria	2	2	0
Erysipelas	0	0	0
Small Pox	0	0	0
Measles	1	0	0
Pneumonia	9	0	0
Puerperal Pyrexia ...	0	0	0
Ophthalmia Neonatoria	3	0	0
Total ...	23	3	0

2. (a) Vaccination.

The following table gives the number of vaccinations performed during the year:—

Primary		Re-vaccinations	Immune
Under 1	Over 1		
15	1	3	1

(b) Diphtheria Immunisation.

Number of children immunised during 1944:—

School age	27
Under five	32
Total	59

Altogether approximately 85% of children of school age, and 65% of children under five have now been immunised against diphtheria.

3. (a) Cancer.

There were three deaths during the year:—

AGE	SEX	ORGAN INVOLVED
55	M	Lung
68	F	Stomach
74	F	,,

(b) Prevention of Blindness.

No action necessary under Section 66 of the Public Health Act, 1925, which deals with the prevention of blindness and the treatment of persons suffering from any disease or injury to the eyes.

CASES			Vision unimpaired	Vision impaired	Total Blindness	Deaths
Notified	Treated					
	At Home	In Hospital				
3	3	0	0	0	0	0

(c) Tuberculosis.

Public Health (Prevention of Tuberculosis Regulations, 1925).

No action has been taken under these regulations, which relate to the employment in the milk trade of persons suffering from tuberculosis.

Public Health Act, 1925, Section 62.

No action was taken under this Act, which relates to the compulsory removal of tubercular patients to hospital.

New cases and Mortality during 1944:

AGE PERIOD	NEW CASES				DEATHS			
	Pulmonary		Non-pulmonary		Pulmonary		Non-pulmonary	
	Male	Female	Male	Female	Male	Female	Male	Female
Under 1 ...	...	...	...	...	...	...	...	...
1— 5 ...	...	...	...	...	...	...	...	...
6—10 ...	...	...	...	...	...	...	...	...
11—20 ...	...	...	...	1	...	...	...	...
21—25 ...	...	...	...	...	...	...	...	...
26—30 ...	...	...	...	...	...	...	...	...
31—35 ...	1	...	...	...	...	...	...	...
36—40 ..	...	...	...	...	...	...	...	...
41—45 ..	...	...	...	...	...	...	...	...
46—50 ...	...	...	...	...	...	...	...	...
51—60 ...	...	...	...	...	...	...	...	...
Over 60 ...	...	...	...	...	...	...	...	...
Total ...	1	0	0	1	0	0	0	0

I have to thank Mr. Haslam, the Sanitary Inspector, and Mr. Bowett, Meat Inspector, for their contributions to this Report.

I have the honour to be, Gentlemen,

Your obedient servant,

H. MONTGOMERY BROWN,

Medical Officer of Health.